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## Study of Fundamental Interactions in the Neutrino4+ Experiment at the SM-3 Reactor: Status and Perspective

The Neutrino-4 collaboration improved the detector in the first neutrino laboratory at SM-3 reactor. Also, we have been creating a new neutrino laboratory at the same reactor to study light sterile neutrinos. In the Neutrino-4 experiment, an oscillation effect was observed at a confidence level of  $2.7\sigma$ , which is in good agreement with the gallium anomaly and the result of the BEST experiment, however, contradicts the latest constraints on the oscillation parameters obtained in the STEREO and PROSPECT experiments. The stages of the setup preparation and further prospects are presented.

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